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SERVICE BULLETIN

Classification:	Reference:	Date:
EC03-003	NTB03-022	March 15, 2003

2002-2003 MAXIMA & ALTIMA: HESITATION ON ACCELERATION WITH M/T

APPLIED VEHICLES: 2002-2003 Maxima (A33) **only** with manual transmission

2002-2003 Altima (L31) **only** with V6 (VQ35) engine **&** manual transmission

IF YOU CONFIRM:

An Applied Vehicle has a momentary hesitation when accelerating between 2,000 and 3,000 rpm,

DETERMINE IF:

This bulletin applies by checking the **ECM Part Number**. You will do this by performing steps 1 and 2 in the Service Procedure.

ACTIONS:

If this bulletin applies:

- Replace the Mass Airflow Sensor (if needed; see Chart A-2, page 2).
- Perform ECM Reprogramming. This is required if the ECM Part Number (P/N) in the vehicle matches one of those listed under "Current ECM P/N" in Chart A-1 or A-2 on page 2.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Meter Assembly, Air	22680-AM600	1

CLAIMS INFORMATION

Submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram ECM per TSB	(1)	DE98AA	AE	32	0.5 hrs
If required: Replace Airflow Meter/Bracket		DE18AA			(2)

(1). Reference the final CONSULT II printout and use the indicated ECM P/N as the PFP.
(2). Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.

IMPORTANT: The purpose of "ACTIONS" (above) is to give you a quick idea of the work you will be performing. You MUST closely follow the entire Service Procedure (starting on page 2) as it contains information that is essential to successfully completing this repair.

SERVICE PROCEDURE

1. Determine the vehicle's ECM Part Number. The ECM P/N is found by using CONSULT-II. Go to ECM P/N Selection.

2. Compare the vehicle's ECM P/N to those shown under **Current ECM P/N** in Chart A-1 and A-2 below.

IMPORTANT: You must use the ECM I.D. Code.

Chart A-1

Altima (with V6 engine)	Current ECM P/N	ECM I.D. Code
2002 M/T	23710-8J160	030103
2003 M/T	23710-9J082	
Maxima		
2002 M/T	23710-5Y702	030101
2003 M/T	23710-6Y300	

The I.D. code is required to obtain the correct ECM data for resolving the symptom covered by this bulletin.

Chart A-2

Maxima (early production)	Current ECM P/N	ECM ID Code	Requires Replacement of Mass Airflow Sensor
2002 M/T	23710-5Y701, 5Y700	030101	

A. **Check Chart A-1:** If the ECM P/N in the vehicle **matches** one of those listed under **"Current ECM P/N":**

- Perform ECM Reprogramming, step 3.

B. **Check Chart A-2:** If the ECM P/N in the vehicle **matches** one of those listed under **"Current ECM P/N":**

- Replace the Mass Airflow Sensor (see Parts Information). Refer to the applicable Service Manual (ESM), section EC, for replacement procedures.

- Perform ECM Reprogramming, step 3.

C. If the ECM P/N in the vehicle **does not match** one of those listed under **"Current ECM P/N"** in **Chart A-1 or A-2:**

- This bulletin does not apply. Use the appropriate Electronic Service Manual (ESM) to further diagnose and repair the incident.

3. **Reprogram the ECM**. Click here for the **ECM Reprogramming Procedure** or refer to **Attachment 1** in the printed copy of this bulletin.

IMPORTANT NOTES:

- **This I.D. code process is different from the "typical" ECM Reprogramming procedures now in use.**
- **<u>Do NOT</u> use "Attachment A" (from other bulletins) for the reprogramming required in <u>this</u> bulletin.**

Obtaining Special ECM Reprogramming Data Using an ID Code:

- The steps on the following pages are taken from Attachment 1 of this TSB, titled: Special ECM Reprogramming Procedure For ECM I.D. Entry.
- Use these steps if you are familiar with this Special ECM reprogramming procedure.
- If you are unfamiliar with this Special ECM Reprogramming Procedure, click here or refer to **Attachment 1** in the printed copy of this bulletin.

1. Click on the **Keypad** button (see Figure 1).

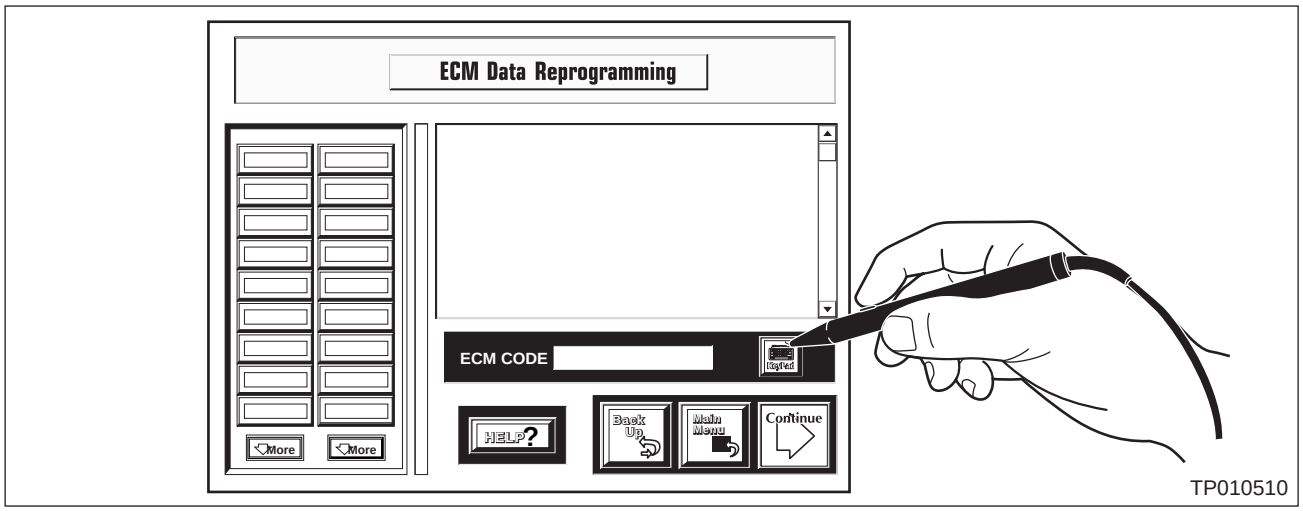

Figure 1

2. Use the digit keys on the **KeyPad** (see Figure 2 below), to enter the correct **ECM ID Code** from Chart A-1 or A-2 (page 2).

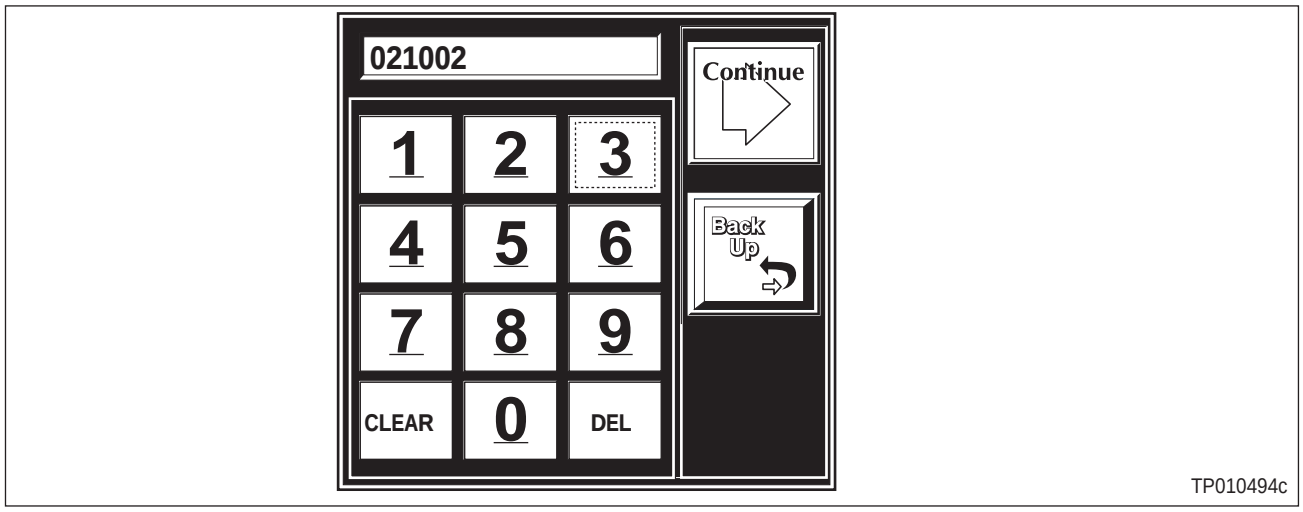

Figure 2

3. Then click the "Continue" button on the keypad.

4. Click the "Continue" button on the ECM Data Reprogramming screen (see Figure 3) to proceed to CONSULT-II setup.

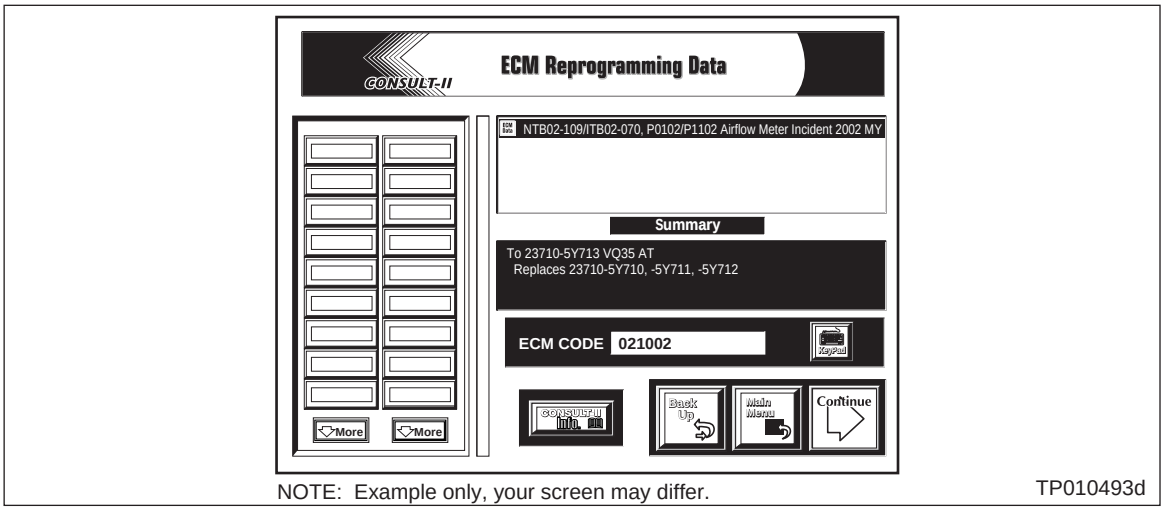

Figure 3

5. Continue the reprogramming procedure as per Attachment 1.

   - If you are unfamiliar with this Special ECM Reprogramming Procedure, click here or refer to Attachment 1 in the printed copy of this bulletin.